

Standofleet Epoxy Surfacer U2200



Standofleet is the modular paint system for commercial vehicles that complies with the strict VOC limits of the European Union. Standofleet Epoxy Surfacer U2200 is a special epoxy-based primer surfacer.

- Certified for welding.
- Outstanding vertical stability.
- Good corrosion protection.



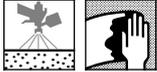
The Art of Refinishing.

Standofleet Epoxy Surfacer U2200

Product preparation - application STANDARD SANDING



It is strongly recommended to use appropriate personal protection equipment during application to avoid respiratory, skin and eye irritation.



Bare steel sanded and cleaned
Galvanised steel or aluminium sanded and cleaned
Stainless steel, sanded and cleaned
Glass fibre reinforced polyester substrates, free of release agents, sanded and cleaned.
Coil coated, sanded and cleaned
Surfaces pretreated with 2K polyester products and then finely sanded and cleaned.
Sandblasted steel (SA 2.5)



Primer		Hardener		Reducer	
Volume	Weight	Volume	Weight	Volume	Weight
5	100	1	11	15-20%	10-13
U2200		U2210*		5110 (Fleet Fast)	
				5120 (Fleet Thinner)	
				5180 (EP Slow)	

* Spray Viscosity DIN4: 20-26 seconds

Primer		Hardener		Reducer	
Volume	Weight	Volume	Weight	Volume	Weight
5	100	1	11	20-25%	13-16
U2200		U2230**		5110 (Fleet Fast)	
				5120 (Fleet Thinner)	
				5180 (EP Slow)	

** Preferred hardener for sanding by drying overnight.

at 20°C: 4 hr - 8 hr



	Spray nozzle	Spray pressure	
Compliant	1.4 - 1.8	2 - 2.5 bar	inlet pressure
HVLP	1.4 - 1.8	0.7 bar	atomisation pressure
Membrane pump	1.1	2.5 - 3 bar	atomisation pressure
Membrane pump	1.1	0.8 - 1.8 bar	material pressure
Airmix	0.28 - 0.33	50 - 120 bar	material pressure

see manufacturer's instructions

2 - 3 coats

with intermediate flash-off: 10 min - 15 min
before bake: 1 hr



	U2210	U2230
20 °C	1 day - 1 day 6 hr	12 hr - 16 hr
60 - 65 °C	45 min	35 min

P360 - P400



Standofleet 2K Topcoats

VOC compliant

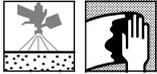
2004/42/IB(c)(540) 540: The EU limit value for this product (product category: IIB(c)) in ready to use form is maximum 540 g/l of VOC. The VOC content of this product in ready to use form is maximum 540 g/l.

Standofleet Epoxy Surfacer U2200

Product preparation - application STANDARD WET-ON-WET



It is strongly recommended to use appropriate personal protection equipment during application to avoid respiratory, skin and eye irritation.



Bare steel sanded and cleaned
Galvanised steel or aluminium sanded and cleaned
Stainless steel, sanded and cleaned
Glass fibre reinforced polyester substrates, free of release agents, sanded and cleaned.
Coil coated, sanded and cleaned
Surfaces pretreated with 2K polyester products and then finely sanded and cleaned.



Primer		Hardener		Reducer	
Volume	Weight	Volume	Weight	Volume	Weight
5	100	1	11	20-30%	12-19
U2200		U2210*		5110 (Fleet Fast)	
				5120 (Fleet Thinner)	
				5180 (EP Slow)	

Primer		Hardener		Reducer	
Volume	Weight	Volume	Weight	Volume	Weight
5	100	1	11	25-30%	16-20
U2200		U2230*		5110 (Fleet Fast)	
				5120 (Fleet Thinner)	
				5180 (EP Slow)	

* Spray Viscosity DIN4: 18-20 seconds

at 20°C: 4 hr - 8 hr



	Spray nozzle	Spray pressure	
Compliant	1.4 - 1.8	2 - 2.5 bar	inlet pressure
HVLP	1.4 - 1.8	0.7 bar	atomisation pressure
Membrane pump	1.1	2.5 - 3 bar	atomisation pressure
Membrane pump	1.1	0.8 - 1.8 bar	material pressure
Airmix	0.28 - 0.33	50 - 120 bar	material pressure

see manufacturer's instructions



Primer		Primer-surfacer	
1 coats	final flash-off: 15 min - 20 min	1 - 2 coats	with intermediate flash-off: 5 min - 10 min final flash-off: 30 min - 1 hr



U2210 / U2230	
20 °C	45 min - 3 days



Primer	Primer-surfacer
2K Filler	Standofleet 2K Topcoats

VOC compliant

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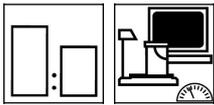
Products

Standofleet Epoxy Surfacer U2200

Standofleet EP Hardener Fast U2230
Standofleet EP Hardener U2210

Standofleet EP Thinner Slow 5180

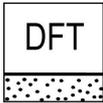
Product mix



Mixing ratios with special agents are available in the productmix table on Standowin IQ and in the specific TDS.
The choice of hardener and Thinner should be made according to application temperature and size of repair.

5110	Fast thinner only for small panels/areas (15-20°C).
5120	Standard CV thinner for all CV products. (20 -25°C).
5180	Special thinner for Epoxy products (above 28°C).

50 - 80 µm



Theoretical coverage

370 - 380 m²/l at 1 micron dry film thickness
Due to different hardener characteristics and different mixing ratios of the ready-to-use mixture in some TDS versions, the theoretical coverage calculation may vary.
Note: The practical material consumption depends on several factors, e.g. geometry of the object, surface formation, application method, spray gun setting, inlet pressure, etc.



Clean after use with a suitable solventbased guncleaner.

Remarks

- Material has to be at room temperature (18-25°C) before use.
- Surplus ready for use material should not be returned to original can.
- Can not be applied over acid containing primers.
- Polyester putties can be applied over cured and sanded epoxy primer-surfacers.
- On sandblasted steel the recommended dry film thickness must be measured above the peaks.
- Mix thoroughly by hand before placing the can on mixing machine.
- Filler is tintable up to 10% with Standofleet / Standomix mixing enamels or up to 20% with Standofleet Topcoat. Drying and sanding can be affected.
- U2200 can be re-coated within 72 hours, without intermediate sanding.
- In countries without VOC legislation Standox Basecoat can be used as well.

Standofleet Epoxy Surfacer U2200

Consult Safety Data Sheet prior to use. Observe the precautionary notices displayed on the container.

All other products referred to in the refinish build up are from our Standox product range. System properties will not be valid when the related material is used in combination with any other materials or additives which are not part of our Standox product range, unless explicitly indicated otherwise.

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